



CP/1617  
Attorney Ref. 06572.105002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECH CENTER 1600/2900

Applicants: Manolagas et al.

Serial No.: 09/414,091

Examiner: Criares

Filed: October 7, 1999

Art Unit: 1617

For: **METHOD AND COMPOSITIONS FOR INCREASING BONE MASS**

Commissioner for Patents  
Washington, DC 20231

**RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

In response to the Restriction Requirement and Office Action mailed June 24, 2002 in the above referenced application, please amend the application as follows and consider the following remarks. A Petition for a Four-Month Extension of Time and a check for \$720.00 are enclosed. Although no additional fees are believed by the Applicants to be due, the Commissioner is hereby authorized to charge any requisite fees to Deposit Account No. 11-0980.

**In the Claims**

Please cancel claims 5, 8 and 38-45 without prejudice.

Please amend the following claims.

1. (amended) A method for increasing bone mass at least 10% in a host without a loss in bone strength or quality comprising administering an effective amount of a compound that (i) binds to the estrogen  $\alpha$  or  $\beta$  receptor (or the equivalent receptor in the host animal) with an association constant of at least  $10^8 \text{ M}^{-1}$ ; (ii) (a) induces estrogenic gene transcriptional activity at a level that is no greater than 10% that of  $17\beta$ -estradiol when administered *in vivo* at

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